| Ref<br># | Hits | Search Query   | DBs  | Default<br>Operator | Plurals | Time Stamp       |
|----------|------|--|--|---------------------|---------|------------------|
| S1       | 4237 | 382/141-152.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR                  | ON      | 2007/09/24 17:15 |
| S2       | 367  | 382/141-152.ccls. and die near4 die  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR                  | ON .    | 2007/04/14 16:02 |
| S3       | 320  | 382/141-152.ccls. and die near2 die  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR                  | ON      | 2007/04/14 16:08 |
| S4       | 320  | 382/141-152.ccls. and die near2 die  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR                  | ON      | 2007/04/14 16:11 |
| S5       | 205  | 382/141-152.ccls. and die near2 die and repeat\$4                                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR                  | ON      | 2007/04/14 16:12 |
| S6       | 158  | 382/141-152.ccls. and die near2 die and repeat\$4 and (whole entire)                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR                  | ON      | 2007/04/14 16:13 |
| S7       | 158  | 382/141-152.ccls. and die near2 die and repeat\$4 and (whole entire all)               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR                  | ON      | 2007/04/14 17:26 |
| S8       | 80   | ("4347001"   "4553834"   "4559603"  <br>"4579455").PN. OR ("4845558").URPN.            | US-PGPUB;<br>USPAT;<br>USOCR                                       | OR                  | ON      | 2007/04/14 16:28 |
| S9       | 61   | 382/141-152.ccls. and die near2 die and repeat\$4 and (whole entire all) near4 (wafer) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR                  | ON      | 2007/04/14 17:30 |

| S10 | 63  | 382/141-152.ccls. and die near2 die and (repeat\$4 repetition) and (whole entire all) near4 (wafer)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON   | 2007/04/14 17:30 |
|-----|-----|---|--|----|------|------------------|
| S11 | 35  | 382/141-152.ccls. and (detect\$4 near5 (repeat\$4 repetition)) and ((entire whole) near5 (wafer die)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON   | 2007/04/15 15:40 |
| S12 | 3   | 348/87-95.ccls. and (detect\$4 near5 (repeat\$4 repetition)) and ((entire whole) near5 (wafer die))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON   | 2007/04/15 15:34 |
| S13 | 303 | (detect\$4 near5 (repeat\$4 repetition)) and ((entire whole) near5 (wafer die))                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON . | 2007/04/15 15:34 |
| S14 | 284 | (detect\$4 near5 (repeat\$4 repetition)) and ((entire whole) near5 (wafer))                           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON   | 2007/04/15 15:34 |
| S15 | 63  | 382/141-152.ccls. and die near2 die and (repeat\$4 repetition) and (whole entire all) near4 (wafer)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON   | 2007/04/15 15:34 |
| S16 | 177 | 382/141-152.ccls. and (detect\$4 near5 (repeat\$4 repetition))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON   | 2007/04/15 15:40 |
| S17 | 59  | 382/141-152.ccls. and (detect\$4 near5 (repeat\$4 repetition) near5 (pattern die))                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ОŅ   | 2007/04/15 15:59 |
| S18 | 2   | "4579455".pn.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON   | 2007/04/15 16:05 |

| S19 | 2   | "4805123".pn.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT                           | OR   | ON | 2007/04/15 16:05 |
|-----|-----|--|---|------|----|------------------|
| S20 | 158 | 382/141-152.ccls. and die near2 die and repeat\$4 and (whole entire all)   | ; IBM_TDB<br>US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR   | ON | 2007/04/16 16:21 |
| S21 | . 2 | "4926489".pn.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB              | OR _ | ON | 2007/04/15 16:31 |
| S22 | 335 | 382/141-152.ccls. and (repeat\$4 repetition) near5 (pattern die) and (whole entire all)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB              | OR   | ON | 2007/04/16 16:36 |
| S23 | 102 | 382/141-152.ccls. and (repeat\$4 repetition) near5 (pattern die) and (whole entire all) near5 (wafer)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB              | OR   | ON | 2007/04/16 16:37 |
| S24 | 16  | 382/141-152.ccls. and (detect\$4 near5 (repeat\$4 repetition)) near5 (pattern die) and (whole entire all) near5 (wafer)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB              | OR   | ON | 2007/04/16 16:54 |
| S25 | 17  | ("4677296"   "4891524"   "4902967"   "4912313"   "5502306"   "5557105"   "6081325"   "6204075"   "6256093"   "6272236"   "6303931"   "6329826"   "6348690"   "6399953"   "6452677"   "6504393"   "6697517").PN. OR ("7116816").URPN. | US-PGPUB;<br>USPAT;<br>USOCR  | OR   | ON | 2007/04/16 16:49 |
| S26 | 59  | 382/141-152.ccls. and (detect\$4 near5 (repeat\$4 repetition) near5 (pattern die))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB              | OR   | ON | 2007/04/16 16:55 |
| S27 | 2   | "6366688".pn.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB              | OR   | ON | 2007/04/17 10:56 |

| S28 | 2    | "4805123".pn.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2007/04/17 10:56 |
|-----|------|---|--|----|----|------------------|
| S29 | 2    | "4805123".pn.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2007/04/17 16:33 |
| S30 | 4407 | 382/141-152.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2007/09/23 20:53 |
| S31 | 191  | 382/141-152.ccls. and (low\$2 and high\$2) near2 resolution   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2007/09/24 11:57 |
| S32 | 2    | "6870169".pn.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2007/09/24 11:59 |
| S33 |      | "6870169".pn.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2007/09/24 17:15 |
| S34 | 191  | 382/141-152.ccls. and (low\$2 and high\$2) near2 resolution   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2007/09/24 22:43 |
| S35 | 180  | 382/141-152.ccls. and (low\$2 and high\$2) near2 resolution and (detect\$4 review\$ analy\$4)                                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2007/09/24 22:46 |
| S36 | 18   | 382/141-152.ccls. and (low\$2 and high\$2) near2 resolution and (low\$2 near4 detect\$4) and high\$4 near4 (review\$4 analy\$4) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2007/09/24 22:54 |

| S37 | 39  | 382/141-152.ccls. and (low\$2 and high\$2) near2 resolution and (low\$2 near4 detect\$4)               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB          | OR | ON   | 2007/09/24 22:54 |
|-----|-----|--|---|----|------|------------------|
| S38 | 21  | 382/141-152.ccls. and (low\$2 and high\$2) near2 resolution and (low\$2 near4 detect\$4) not S36       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB          | OR | ON   | 2007/09/24 23:05 |
| S39 | 0   | liew.xp.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB          | OR | ON   | 2007/09/24 23:05 |
| S40 | 25  | liew.xa.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB          | OR | ON.  | 2007/09/25 09:36 |
| S41 | 2   | "6870169".pn.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB          | OR | ON   | 2007/09/25 09:36 |
| S42 | 4   | ("6476913"   "6480279"   "6792359").PN.<br>OR ("6870169").URPN.  | US-PGPUB;<br>USPAT;<br>USOCR  | OR | ON   | 2007/09/25 09:37 |
| S43 | . 6 | ("4659220"   "4764969"   "4998005"  <br>"6122046"   "6522777"   "6870169").PN.<br>OR ("7187436").URPN. | US-PGPUB;<br>USPAT;<br>USOCR  | OR | ON . | 2007/09/25 09:45 |
| S44 | 57  | 382/148.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR  | OR | ON   | 2007/09/25 09:45 |
| S45 | 59  | 382/148.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT<br>; IBM_TDB | OR | ON   | 2007/09/25 09:45 |
| S46 | 125 | 382/141-152.ccls. and ((low\$2 reduc\$4) and high\$2) near2 resolution and (detect\$4 near4 defect)    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB          | OR | ON   | 2007/09/25 11:46 |

| S47 | 2 | "4805123".pn.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2007/09/25 11:46 |
|-----|---|---|--|----|----|------------------|
| S48 | 4 | 348/87-95.ccls. and (detect\$4 near5 (repeat\$4 repetition)) and ((entire whole) near5 (wafer die)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2007/09/25 12:14 |